

California OES Weather Threat Briefing

Tuesday, August 3, 2021
9:00 AM PDT

Day 1 (Tuesday): Hot temperatures will build across the state on Tuesday, with the highest potential heat impacts across interior portions of Southern Region.

National Weather Service

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Salt Lake City, UT*



WEATHER KEY POINTS

08/03/21 - 08/09/21

Tuesday-Friday

- Dry weather is expected through the week for the majority of the state
- Hot temperatures are expected across interior portions of Inland and Southern Regions for midweek, with cooling expected late in the week
 - Moderate heat risk impacts are possible across the Central Valley for Tuesday and Wednesday, with daytime highs of 97 to 105 expected
 - High to locally very high heat risk impacts are possible across interior portions of southern California, with readings of 105 to 120 possible, especially across the deserts.
- Typical for the time of year, locally breezy conditions for the mountains and foothills each afternoon and evening will maintain elevated to briefly critical fire weather conditions through at least late week
 - The most widespread gusty winds are expected Wednesday and Thursday, especially across the Sacramento Valley, surrounding foothills, and the Sierra, where critical fire weather conditions could develop
 - Near-critical fire weather conditions are possible each afternoon through Thursday across the southern interior valleys, mountains, and deserts where some stronger wind gusts to 35 mph are expected
 - A few additional periods of near-critical fire weather conditions are also possible for the Santa Barbara County mountains and south coast each night through Thursday due to stronger Sundowner winds up to 45 mph

Saturday-Monday

- A potential return of monsoon moisture could help produce showers and thunderstorms across southern California over the weekend into the beginning of next week, though the exact timing of the return of these thunderstorms is uncertain at this time
- Generally cooler temperatures are expected through the weekend into the beginning of next week, with no significant heat concerns
- Elevated fire weather concerns will continue into next week, especially in the mountains and foothills



CALIFORNIA WEATHER IMPACTS

08/03/21 - 08/09/21

<u>Hazards / Day</u>	TUE	WED	THU	FRI	SAT	SUN	MON
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)					Southern	Southern	Southern
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland	Inland	Inland	Inland
Heat Risk	Inland/ Southern	Inland/ Southern	Southern	Southern			
Heavy Rain/Flash Flooding/ Debris Flow							
Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

PRECIPITATION FORECAST

08/03/21 - 08/05/21

No significant rainfall is expected across the state through Thursday

Precipitation (inches)



WEATHER OUTLOOK

08/08/21 - 08/16/21

6-10 Day Outlook (August 8 – August 12)

Temperatures

- Below normal temperatures are favored across southern California, with above normal temperatures favored across the north

Precipitation

- Below normal precipitation is favored along the Nevada border, with near normal precipitation for the remainder of the state

8-14 Day Outlook (August 10 – August 16)

Temperatures

- Above normal temperatures are favored for the large majority of the state, except far southern California where near normal temperatures are favored

Precipitation

- Below normal precipitation is favored along the Nevada border, with near normal precipitation for the remainder of the state



Information provided by:

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